

393023118544101 Local number 101 N19 E27 13CCB 1

Basin and Range basin-fill aquifers

Churchill County, NV

LOCATION.--Lat 39°30'23", long 118°54'41" referenced to North American Datum of 1927, in NW ¼ SW ¼ SW ¼ sec.13, T.19 N., R.27 E., Churchill County, Hydrologic Unit 16050203.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Depth 143 ft. Upper casing diameter 1.5 in; top of first opening 141 ft, bottom of last opening 143 ft.

WELL USE.--Observation well.

DATUM.--Land-surface datum is 4013.58 ft above National Geodetic Vertical Datum of 1929. Measuring point: Top of casing, 2.3 ft above land-surface datum.

COOPERATION.--Churchill County

REMARKS.--In the Fallon area, basin-fill aquifers have been defined as the shallow aquifer from the water table to depths of 50 ft below land surface, and as the intermediate aquifer from depths of 50 ft to about 500 ft below land surface by Glancy, P.A., 1986, Geohydrology of the basalt and unconsolidated sedimentary aquifers in the Fallon area, Churchill County, Nevada: U.S. Geological Survey Water Supply Paper 2263.

WATER LEVELS IN FEET BELOW LAND SURFACE DATUM

[Measurement method: S, steel tape. Water-level status: - - , static.]

Date	Water level	Measurement method	Water level status
Oct 18, 2004	27.88	S	--
Nov 16	27.27	S	--
Dec 28	26.99	S	--
Jan 20, 2005	27.07	S	--
Feb 23	27.08	S	--
Mar 23	27.22	S	--
Apr 18	27.53	S	--
May 12	27.64	S	--
Jun 17	27.91	S	--
Jul 13	28.09	S	--
Aug 11	28.40	S	--
Sep 14	28.43	S	--

Highest: 26.99 Dec 28, 2004

Lowest: 28.43 Sep 14, 2005